

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1   8
2. AMENDMENT/MODIFICATION NO.  M320	3. EFFECTIVE DATE  SEE BLOCK 16C	4. REQUISITION/PURCHASE REQ. NO.  No PR	5. PROJECT NO. (IF APPLICABLE)	
6. ISSUED BY U.S. Department of Energy Ohio Field Office West Valley Demonstration Project 10282 Rock Springs Rd., P.O. Box 191 West Valley, NY 14171	CODE	7. ADMINISTERED BY (IF OTHER THAN ITEM 6)	CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)  West Valley Nuclear Services Co. LLC 10282 Rocks Springs Rd. West Valley, NY 14171			(✓)	9A. AMENDMENT OF SOLICITATION NO.
				9B. DATED (SEE ITEM 11)
			X	10A. MODIFICATION OF CONTRACT/ORDER NO.  DE-AC24-81NE44139
				10B. DATED (SEE ITEM 13) August 24, 1981
CODE	FACILITY CODE			

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

### 12. ACCOUNTING AND APPROPRIATION DATA (IF REQUIRED)

No Change

### 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

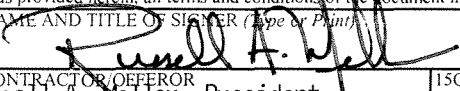
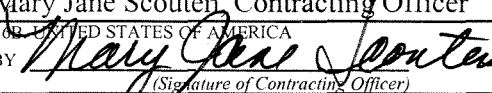
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (SPECIFY AUTHORITY) THE CHANGES SET FORTH IN ITEM 14 AND MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT OF AUTHORITY OF: 41 U.S.C 253. (c)(1) P. L. 95-91
	D. OTHER (SPECIFY TYPE OF MODIFICATION AND AUTHORITY)

**E. IMPORTANT:** Contractor [ ] is not, [x] is required to sign this document and return 3 copies to the issuing office.

### 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.

See attached pages

Except as provided herein, all terms and conditions of the document in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or Print)  Russell A. McJor, President	15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED 8/6/03	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Mary Jane Scouten, Contracting Officer	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 8/14/03
---	---	----------------------------	--	--	-----------------------------

ORIGINAL

The purpose of this Modification (M320) is to incorporate the following changes:

- A. Section J, Attachment G, entitled "Current List of Directives Applicable to the Contract" is hereby deleted and replaced with the Attachment G provided herein.
- B. Section J, Attachment H, entitled "Key Personnel" is hereby deleted effective August 1, 2003, and replaced with the Attachment H provided herein.
- C. All other terms and conditions of the contract remain unchanged.

ORIGINAL

## Attachment G

Current List of Directives Applicable to WVNSCO Contract			
<u>Number</u>	<u>Cog. Mgr.</u>	<u>Title</u>	<u>Limitations</u>
DOE P 1210.1	J. T. Pillittere	Public Participation	Per WVDP Annual Communication Plan
DOE O 1230.2	J. T. Pillittere	American Indian Tribal Government Policy	
DOE O 1450.4	R. D. Love	Consented Listening in to or Recording Telephone/Radio Conversations	
DOE O 3220.5A	J. H. Lander	Payment of Wages or Salaries to Cost-Type Contractor Employees when Access Authorization is Suspended	
DOE O 5400.1	W. M. Wierzbicki	General Environmental Protection Program	ONLY Chapter 4: Sections 2, 4, 5, 6, 7, 8, 9 and 10. (Superseded by DOE O 450.1)
DOE O 5400.5	W. M. Wierzbicki	Radiation Protection of the Public and the Environment	ALL EXCEPT: Paragraph 1a(3)(a) of Chapter II. Changes 1-2 included
DOE O 5480.4	K. D. Jenkins	Environmental Protection, Safety, and Health Protection Standards	ALL EXCEPT: Attachment 2, paragraph 2c, 2d(2)-(3), 2e(1)-(8), and Attachment 3, paragraph 2c, 2d(2)-(3), 2e(1)-(7). Changes 1-4 included
DOE O 5480.19	K. E. Sanders	Conduct of Operations Requirements for DOE Facilities	DOE approved Graded Approach. Change 1 and 2 included
DOE O 5480.20A	D. K. Marsh	Personnel Selection, Qualification and Training Requirements for DOE Nuclear Facilities	Change 1 included
DOE O 5484.1	W. M. Wierzbicki	Environmental Protection, Safety, and Health Protection Information Reporting Requirements	ALL EXCEPT: Paragraphs 1 through 5, 6a(1) through (10), both 6f(1) through (8) and the second misnumbered 6f, and Chapters I and II AND Paragraph 1e of Chapter II and Chapters III, IV and V. Changes 1-7 included
DOE O 5530.3	J. M. Garcia	Radiological Assistance Program	Graded Approach. See Note 1. Change 1 included

**Current List of Directives Applicable to WVNSCO Contract**

<u>Number</u>	<u>Cog. Mgr.</u>	<u>Title</u>	<u>Limitations</u>
DOE O 5530.5	J. M. Garcia	Federal Radiological Monitoring and Assessment Center	Graded Approach. See Note 1. Change 1 included
DOE O 5631.2C	R. D. Love	Personnel Security Program	ONLY: Chapters I - IX
DOE O 5700.7C	C. M. Wessel	Work Authorization System	
DOE O 110.3	L. J. Ortega	Conference Management	
DOE O 130.1	J. M. Wagner	Budget Formulation Process	
DOE P 141.1	W. M. Wierzbicki	Department of Energy Management of Cultural Resources	
DOE N 142.1	R. D. Love	Unclassified Foreign Visits and Assignments	Replaced DOE O 1240.2B
DOE O 151.1A	L. J. Chilson	Comprehensive Emergency Management System	Replaced DOE O 151.1
DOE N 153.1	L. J. Chilson	Connectivity to Atmospheric Release Advisory Capability	
DOE O 200.1	D. H. Garland	Information Management Program	Replaced DOE O 1330.1D, O 1450.3A, O 1700.1, O 1800.1A, and O 5300.1c, O 5300.2D, O 5300.3D
DOE N 203.1	D. H. Garland	Software Quality Assurance	
DOE G 205.1-1	D. H. Garland	Cyber Security Architecture Guidelines	
DOE N 205.1	D. H. Garland	Unclassified Cyber Security Policy	Replaced DOE O 1360.2B
DOE P 205.1	D. H. Garland	Departmental Cyber Security Management Policy	
DOE G 205.2-1	D. H. Garland	Guide to Preventing Computer Software Piracy	
DOE G 205.3-1	D. H. Garland	Password Guide	
DOE N 205.3	D. H. Garland	Password Generation, Protection, and Use	
DOE N 205.4	D. H. Garland	Handling Cyber Security Alerts and Advisories and Reporting Cyber Security Incidents	
DOE O 210.1	R. A. Carter	Performance Indicators and Analysis of Operations Information	
DOE O 221.1	P. A. Gibson	Reporting Fraud, Waste, and Abuse to the Office of Inspector General	
DOE O 221.2	P. A. Gibson	Cooperation with the Office of Inspector General	

**Current List of Directives Applicable to WVNSCO Contract**

<u>Number</u>	<u>Cog. Mgr.</u>	<u>Title</u>	<u>Limitations</u>
DOE O 225.1A	L. J. Chilson	Accident Investigations	
DOE M 231.1-1	K. D. Jenkins	Environment, Safety, and Health Reporting Manual	Changes 1-2 included
DOE N 231.1	K. D. Jenkins	Environment, Safety, and Health Reporting Notice	
DOE O 231.1	K. D. Jenkins	Environmental, Safety, and Health Reporting	Changes 1-2 included
DOE M 232.1-1A	L. J. Chilson	Occurrence Reporting and Processing of Operations Information Manual	
DOE O 232.1A	L. J. Chilson	Occurrence Reporting and Processing of Operations Information	
DOE O 241.1A	C. M. Schiffhauer	Scientific and Technical Information Management	Replaced DOE O 241.1
DOE M 251.1-1A	D. H. Pritchard	Directives System Manual	
DOE O 251.1A	D. H. Pritchard	Directives System	
DOE P 251.1	D. H. Pritchard	Directives System	
DOE O 252.1	D. H. Pritchard	Technical Standards Program	Replaced DOE O 1300.2A
DOE O 311.1A	G. E. Spencer	Equal Employment Opportunity Program	
DOE O 350.1	J. H. Lander	Contractor Human Resource Management Program	Replaced DOE O 3220.4A, O 3309.1A, O 3830.1, O 3890.1A, Change 1 included
DOE O 413.1A	P. A. Gibson	Management Control Program	Replaced DOE O 1000.3C and DOE O 413.1
DOE O 413.3	M. J. Cain	Program and Project Management for the Acquisition of Capital Assets	
DOE O 414.1A	R. A. Carter	Quality Assurance	Change 1 included
DOE O 420.1A	J. A. Woodworth	Facility Safety	Graded Approach. See Note 6. Replaced DOE O 420.1
DOE O 425.1C	L. J. Chilson	Startup and Restart of Nuclear Facilities	Replaced DOE O 425.1, DOE O 425.1A and DOE O 425.1B
DOE O 430.1A	A. S. Fountain	Life-Cycle Asset Management	Graded Approach. See Note 3.
DOE O 430.2A	J. A. Woodworth	Departmental Energy and Utilities Management	Replaced DOE O 430.2. Graded Approach. See Note 4.
DOE O 433.1	K. J. Dickerson	Maintenance Management Program for DOE Nuclear Facilities	

**Current List of Directives Applicable to WVNSCO Contract**

<u>Number</u>	<u>Cog. Mgr.</u>	<u>Title</u>	<u>Limitations</u>
DOE M 435.1-1	S. M. Westcott	Radioactive Waste Management Manual	Change 1 included
DOE O 435.1	S. M. Westcott	Radioactive Waste Management	Replaced DOE O 5820.2A
DOE O 440.1A	K. D. Jenkins	Worker Protection Management for DOE Federal and Contractor Employees	
OH-P 440.1-1	R. D. Love	Preventing Acts of Aggression, Threatening Behavior and Violence in the Workplace	
DOE O 440.2B	K. D. Jenkins	Aviation Management and Safety	Replaced DOE O 440.2A
DOE O 442.1A	P. A. Gibson	Department of Energy Employee Concerns Program	Replaced DOE O 442.1
DOE O 443.1	J. H. Lander	Protection of Human Subjects	
DOE P 443.1	J. H. Lander	Protection of Human Subjects	
DOE O 450.1	W. M. Wierzbicki	Environmental Protection Program	Replaced DOE N 450.4 and parts of DOE 5400.1
DOE P 450.1	J. R. Gerber	Environment, Safety, and Health Policy for the Department of Energy Complex	
DOE P 450.2A	D. H. Pritchard	Identifying, Implementing, and Complying with Environment, Safety, and Health Requirements	
DOE M 450.3-1	D. H. Pritchard	The DOE Closure Process for Necessary and Sufficient Sets of Standards	Graded Approach. See Note 2.
DOE N 450.3	D. H. Pritchard	Use of Necessary and Sufficient Process	Graded Approach. See Note 2.
DOE P 450.3	D. H. Pritchard	Authorizing Use of Necessary and Sufficient Process for Standards-Based Environment, Safety, and Health Management	
DOE P 450.4	L. J. Chilson	Safety Management System Policy	
DOE P 450.5	R. A. Carter	Line Environment, Safety and Health Oversight	
DOE O 451.1B	W. M. Wierzbicki	National Environmental Policy Act Compliance Program	Replaced DOE O 451.1A, Change 1 included
DOE O 460.1B	S. M. Westcott	Packaging and Transportation Safety	Replaced DOE O 460.1A
DOE O 460.2	S. M. Westcott	Departmental Materials Transportation and Packaging Management	
DOE M 460.2-1	S. M. Westcott	Radioactive Material Transportation Practices	See Note 7 for applicability

**Current List of Directives Applicable to WVNSCO Contract**

<u>Number</u>	<u>Cog. Mgr.</u>	<u>Title</u>	<u>Limitations</u>
DOE O 470.1	R. D. Love	Safeguards and Security Program	Graded Approach. See Note 5, Change 1 included
DOE P 470.1	R. D. Love	Integrated Safeguards and Security Management (ISSM) Policy	
DOE M 470.1-1	R. D. Love	Safeguard Security and Awareness Program	
DOE N 470.2	R. D. Love	Reporting Unofficial Foreign Travel	
DOE O 470.2B	R. A. Carter	Independent Oversight and Performance Assurance Program	Replaced DOE O 470.2A
DOE M 471.1-1	R. D. Love	Identification and Protection of Unclassified Controlled Nuclear Information Manual	Change 1 included
DOE O 471.1A	R. D. Love	Identification and Protection of Unclassified Controlled Nuclear Information	Replaced DOE O 471.1
DOE O 471.2A	R. D. Love	Information Security Program	
DOE N 471.3	R. D. Love	Reporting Incidents of Security Concern	
DOE O 471.3	R. D. Love	Identifying and Protecting Official Use Only Information	
DOE G 471.3-1	R. D. Love	Guide to Identifying Official Use Only Information	
DOE M 471.3-1	R. D. Love	Manual for Identifying and Protecting Official Use Only Information	
DOE M 473.1-1	R. D. Love	Physical Protection Program Manual	Superseded DOE M 5632.1C-1
DOE M 473.2-2	R. D. Love	Protective Force Program Manual	Change 1 included
DOE O 473.1	R. D. Love	Physical Protection Program	Superseded DOE O 5632.1C
DOE O 473.2	R. D. Love	Protective Force Program	Replaced DOE O 5632.7A
DOE N 473.7	R. D. Love	Explosive Detection Program	
DOE N 473.8	R. D. Love	Security Conditions	
DOE M 474.1-1A	J. F. Jablonski	Manual for Control and Accountability of Nuclear Materials	Replaced DOE M 474.1-1
DOE O 474.1A	J. F. Jablonski	Control and Accountability of Nuclear Materials	Replaced DOE O 474.1
DOE N 481.1A	P. C. Weddle	Reimbursable Work for Department of Homeland Security	As needed basis only

**Current List of Directives Applicable to WVNSCO Contract**

<u>Number</u>	<u>Cog. Mgr.</u>	<u>Title</u>	<u>Limitations</u>
DOE O 534.1B	L. J. Ortega	Accounting	Replaced DOE O 534.1 and DOE 534.1A
OH-G-540.28	A. S. Fountain	Approval of Outsourcing (including Make or Buy and Privatization) Proposals	Implementation will be as in Make or Buy plan
DOE O 551.1A	R. D. Love	Official Foreign Travel	Change 1 included. Replaced DOE O 551.1
SEN-22-90	W. M. Wierzbicki	DOE Policy on Signatures of RCRA Permit Applications	
SEN-39-92	K. D. Jenkins	DOE Occupational Safety and Health (OSH) Incentives Program	
STD-1098-99	J. M. Garcia	Radiological Control Standard	Replaced DOE N 5480.10

**NOTES:**

1.	DOE O 5530.3 5530.5	Contractor Response Team requirement met as described in sections 9 and 10 of the order Implemented through the Radiological Assistance Program Plan Order	
2.	DOE P 450.3 N 450.3 M 450.3-1	Necessary and Sufficient Work Smart - Given the past WVDP success of implementing the N&S Process through the use of the graded approach, the current status and short-term nature of the initial Vit campaign, and the significant effort and duration required to implement the "work smart process", WVNSCO will not implement the work smart directives on the Vitrification Facility portion of the WVDP site. Other portions of the site will be addressed.	
3.	DOE O 430.1A	Life Cycle Asset Management	
		<u>CRD Paragraph #</u>	<u>Comment</u>
		1a Value Engineering	<ul style="list-style-type: none"> <li>Value Engineering techniques include cost analysis, reengineering, benchmarking, Best Management Practices (BMP)</li> </ul>
		1a, 1b, 1c Design Review	<ul style="list-style-type: none"> <li>Covered by WVDP design review process</li> </ul>
		1(d) Project Management	<ul style="list-style-type: none"> <li>Superseded by DOE O 413.3</li> </ul>
		2a, 2b, 2c, 2h	<ul style="list-style-type: none"> <li>Through WVDP-274, Maintenance Implementation Plan</li> </ul>
		2e Configuration Mgmt	<ul style="list-style-type: none"> <li>Configuration Management covered in WVDP design review process</li> </ul>
		2f Utilities	<ul style="list-style-type: none"> <li>Utilities contract negotiated by federal government consolidated contracts</li> <li>In house Energy Management Program</li> </ul>
		2g Infrastructure	<ul style="list-style-type: none"> <li>Compliance through leadership forum and DOE review and approval of CAPR's</li> </ul>



		2i Facility Stabilization Prior to disposition	<ul style="list-style-type: none"> <li>Facility transfers not applicable since site is owned by NY State</li> <li>Facility stabilization will include surveillance and maintenance</li> <li>Scope definitions and priorities as established through contract metrics, DOE review and approval of FY CAPR's, 3-Year Project Management Plan, Life-cycle Project Execution Plans, and the EISs/RODs</li> </ul>
		3a STD-1120-98 Integration of ESH into Facility Disposition Activities	<ul style="list-style-type: none"> <li>Compliance through ISMS Program and Enhanced Work Planning</li> </ul>
		3b Contaminated Facility Disposition	<ul style="list-style-type: none"> <li>Not applicable at this time - contaminated Facility Disposition decisions will be the subject of a future DOE ROD (Closure)</li> </ul>
		4 Physical Assets	<ul style="list-style-type: none"> <li>Applicable to AOC lease</li> <li>Good practices applicable though assets owned by NY State</li> </ul>
4.	DOE O 430.2A	Departmental Energy and Utilities Management <ul style="list-style-type: none"> <li>- Site owned by NYS.</li> <li>- Graded approach applied to Utilities Management [paras. 4.b(1-6)] and use of alternative funding mechanisms [para. 4.a(11)].</li> <li>- No plan to acquire leased buildings or extending existing leases; para. 4.a(8) n/a at this time.</li> </ul>	
5.	DOE O 470.1	Safeguards and Security Program <ul style="list-style-type: none"> <li>- Graded protection, risk analysis performed as part of vulnerability assessment, level of security reduced and risk accepted.</li> </ul>	
6.	DOE O 420.1A	Currently, the WVDP has no active Structures, Systems, and Components (SSC's). However, in the future, the order and its requirements will need to be re-reviewed if the WVDP obtains any active SSC's.	
7.	DOE M 460.2-1	No shipments of spent nuclear fuel, tritium-bearing reactor components, high-level waste, and transuranic waste destined for WIPP are currently performed nor planned by WVNSCO. Prior to any future shipments, the requirements of this manual would need to be incorporated in an Implementation Plan.	

## ATTACHMENT H

## Key Personnel

### NAME

Russell A. Mellor  
Douglas E. Steffen  
Anthony S. Fountain  
Stuart A. MacVean

### TITLE

President  
Executive Vice President and Projects Manager  
Vice President and Chief Financial Officer  
Manager, Process Plant Decontamination Project

JAN 18 1990